



# Des Moines & Raccoon Rivers, Iowa Flood Risk Management GRR

U.S. ARMY CORPS OF ENGINEERS

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## Location

Des Moines, Iowa

## State(s)

IA

## Congressional District(s)

IA-3

## Status

In 2010, the City of Des Moines requested a study to evaluate the impacts of the increased flood risk identified in the 2010 Flow Frequency Study, which indicated the system provides lower than 100-year (0.1% annual chance exceedance) level of protection. The City continues to strongly support a study that would evaluate a variety of structural and nonstructural flood risk management measures to increase their level of protection. The study area would include the entire downtown area and the Southeast Des Moines levee which is part of the Lake Red Rock project and is connected to the downtown levee system.



## Description

The existing levee system protects much of the city's critical infrastructure, including City Hall, the Police Station, a regional sewage treatment facility, and aviation fuel facilities. Downtown Des Moines is also a national center for the insurance industry. Flooding of these areas would result in extensive flooding of neighborhoods and commercial/industrial areas that could cause serious contamination of Red Rock Reservoir. Approximately 600,000 people would be impacted by the flooding. The Des Moines and Raccoon River was authorized for construction in the Water Resources Development Act (WRDA) of 2007, and funds were appropriated in the Energy and Water Development Appropriations Act of 2010. The project has completed reconstruction of levees at Birdland Park and Central Place as recommended in the 2005 feasibility report and construction of closure improvements in the downtown levee system is scheduled to be completed in 2015. The 2010 Des Moines River Regulated Flow Frequency Study identified a high risk of flooding in the Des Moines area - significantly higher than estimated in a 2005 feasibility report. The resulting hydraulics show that the existing levees in downtown Des Moines do not provide reliable protection against a 100-year flood. A General Reevaluation Report is warranted to determine if the Federal projects should be modified to reduce flood risk.

## Summarized Project Costs

	Investigations
Federal Cost	\$ 1,500,000
Non-Federal Cost	\$ 1,300,000
Total Cost	\$ 2,800,000
Federal Allocations through FY 2013	\$ 0

Updated on 2014-Oct-01

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FY 2014 Allocations	\$ 0
FY 2015 Budget	\$ 0
Balance to Complete	\$ 1,500,000

**Major Work Item (This Fiscal Year)**

None (no funding).

**Major Work Item (Next Fiscal Year)**

Initiate General Reevaluation study and completed cost share agreement with sponsor, pending funding.

**Authority Details**

Resolution adopted by Congress on July 1, 1958, following appropriation of funds in the 1998 E&WDAA, also Section 216 of the 1970 Flood Control Act (Public Law 91-611)

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